

# SIGNATURE RECORD AND COVER SHEET

DOCUMENT DESCRIPTION		REGISTER	
SOURCE	RE/GP/DP	CIA CONTROL NO.	[REDACTED]
DOC. NO.	[REDACTED]	DATE DOCUMENT RECEIVED	25X1
DOC. DATE	7 NOV 67	LOGGED BY	[REDACTED]
COPY NO.	1		
NUMBER OF PAGES	12		
NUMBER OF ATTACHMENTS	2 Photos & 3 Overlays		

Bo<sup>v</sup> 6  
44706 W

ATTENTION: This form will be placed on top of and attached to each Top Secret document received by the Central Intelligence Agency or classified Top Secret within the CIA and will remain attached to the document until such time as it is downgraded, destroyed, or transmitted outside of CIA. Access to Top Secret matter is limited to Top Secret Control personnel and those individuals whose official duties relate to the matter. Top Secret Control Officers who receive and/or release the attached Top Secret material will sign this form and indicate period of custody in the left-hand columns provided. Each individual who sees the Top Secret document will sign and indicate the date of handling in the right-hand columns.

[illegible]

NOTICE OF DETACHMENT: When this form is detached from Top Secret material it shall be completed in the appropriate spaces below and transmitted to Central Top Secret Control for record.

DOWNGRADED	DESTROYED	DISPATCHED (OUTSIDE CIA)	
TO	BY (Signature)	TO	
BY (Signature)	WITNESSED BY (Signature)	BY (Signature)	
DATE	DATE	OFFICE	DATE

4-1 1A-1 3T 8R 002 01-1  
TOP SECRET

Job # 68-7-31

Box 16

25X1

Copy No.     

PHOTO INTELLIGENCE REPORT

TBILISI AREA

25X1

29 November 1957  
RR-GP/DP-2-57

TOP SECRET

TOP SECRET

25X1

Table of Contents

	<u>Page</u>
Introduction	3
Housing Development	4
New Installation	5
Housing Development	6
Tbilisi/Orkhevi Airfield	7
Tbilisi/Soganlug Airfield	9
Tbilisi/Vaziani Airfield	10
Tbilisi (Navtlug)	11
Film Evaluation	12

Photographs (Enclosure 1)

	<u>Exposure No</u>
Housing Development	13
New Installation	19
Housing Development	17
Tbilisi/Orkhevi Airfield	25

Overlays (Enclosure 2)

	<u>Overlay</u>
Photography Plots	1 and 2
Mosaic Correction Overlay, 0325-9997-3-25M	3

TOP SECRET

TOP SECRET

25X1

### INTRODUCTION

This report has been prepared by the Photo Intelligence Division of ORR from photography taken during the summer of 1957. All visible items of possible intelligence interest have been analysed and, where helpful, graphics have been supplied.

Twenty-seven exposures including both ground and aerial photos made with a 35-mm camera were received for photo analysis. The most productive photos were on the Tbilisi/Orkhevi Airfield.

TOP SECRET

TOP SECRET

[redacted] 25X1  
 [redacted] 25X1  
 Date of Report 29 Nov. 1957  
 Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-39	44-58	325	13-14		Fair

Features Imaged

Housing development nine miles southeast of Tbilisi, on the east bank of the Lachina River (See enclosure 1, annotated exposure 13.)

Photo Analysis

This new housing development 1/ includes approximately 500 one-story, family-type houses which have been built in a one-and-one-half-square-mile area\*. Large plots of plowed land separate the rows of houses and indicate possible truck farming activity. Power lines, which are visible on the photography, provide homes with electricity. One large two-story institutional type building within a fenced area is probably the community school. The road network serving the development appears to be unimproved.

References

1. CIA [redacted] Tauz to Tbilisi, 2 Oct. 1957, p. 20.

25X1

Target Mosaic 0325-9997-3-25M

\* Description of this housing development is more accurate than that [redacted] due to the better coverage now available.

25X1

TOP SECRET

TOP SECRET

25X1

25X1

Date of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-41	44-54	325	18-19		Fair

Features Imaged

Installation under construction four miles east of Tbilisi, along the south side of the Tbilisi-Telavi railroad (See enclosure 1, annotated exposure 19 and enclosure 2, overlay 3.)

Photo Analysis

This new installation, measuring approximately 1,000 feet square, has the following facilities under construction: three high, clear, parallel steel spans with probable craneways: two large and one small buildings; one large warehouse-type building. Rail spurs and good roads are being constructed to serve the installation. A new section of highway has been built just north of the railroad.

Three power transmission lines extending in a north-south direction are located just east of the new installation, and an unidentified fenced storage installation, with four large warehouse buildings served by a road, is located just northwest of it.

Approximately one and three-quarters miles farther east there are 40 warehouse-type buildings of various sizes which extend south of the Tbilisi-Telavi railroad. Collateral information reports that an oil refinery has been built at this location, 1/ but a study of the photography indicates the probability that this is a storage facility. Positive identification is not possible, however, because of the photography lacks good contrast and clear definition.

References

1. CIA. [REDACTED]

25X1

Target Mosaic 0325-9997-3-25M

TOP SECRET

TOP SECRET

25X1

25X1

Date of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		-WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	40-40	44-55	325	17		Poor

Features Imaged

New housing development, three miles southeast of Tbilisi, along the north side of the Tbilisi-Baku railroad (See enclosure 1, annotated exposure 17 and enclosure 2, overlay 3.)

Photo Analysis

In this new housing development there are 16 apartment-type buildings, two of which are still under construction. The buildings appear to be three stories high. A construction crane is visible at the two new buildings under construction.

Just east of the above apartments are another 10 probable two-story apartment buildings and approximately 20 single-story houses. One unidentified T-shaped building is located a few hundred yards west of the new area.

A gravel-surfaced road serves the new development.

References

Target Mosaic 0325-9997-3-25MA

TOP SECRET

TOP SECRET

25X1  
25X1

e of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-40	44-57	325	1-12 25, 26		Good- Poor

Features Imaged

Tbilisi/Orkhevi Airfield [ ] five miles east of  
Tbilisi on the south side of the Tbilisi-Telavi railroad (See enclosure 1,  
annotated exposure 25 and enclosure 2, overlay 3.)

25X1

Photo Analysis

Tbilisi/Orkhevi Airfield 1/ is the main civil airfield for Tbilisi.  
A concrete runway, oriented north-northwest/south-southeast, is  
approximately 7,000 by 170 feet with limited extensibility in both  
directions. A concrete taxiway parallels the runway, with which it is  
connected by three link-taxiways. Three large parking aprons are  
located northeast of the taxiway. One is in front of a probable terminal  
building under construction, another is in front of the old terminal  
building, and the third and largest is between the previous two.

Navigational and electronic facilities include three groups of radio  
communication antennas. Two antenna masts are located just north of  
the terminal building, two are just west of the terminal building, and  
three are 100 yards west of the terminal building. There is one  
Fishnet, IFF radar, mounted on top of the main terminal tower. One  
Token, early-warning and GCI radar, is 2,000 feet northeast of the terminal  
building on top of an earth mound. Adjacent to the Token radar are five  
vans with support equipment. Four probable meteorological boxes and  
one wind cone are just southwest of the terminal building.

Services include POL storage located 1,000 feet south of the Tbilisi-  
Telavi railroad line. This storage area is served by a concrete road

TOP SECRET



TOP SECRET

25X1

which makes a loop in the storage area. One fuel truck is visible on a parking apron. Repair facilities are available for the maintenance of the aircraft.

Fixed installations include a terminal building with control tower, one large hangar with a concrete apron east of the terminal building, and four small hangars northwest of the terminal building. Southeast of the main hangar is a probable reinforced-concrete terminal building under construction. One large crane is being used in the construction. Other facilities include eight barrack-type buildings and eleven supply- and repair-type buildings. The airport is served by both road and rail.

Aircraft include three Cabs and nine Crates on the parking apron, one Crate on the taxiway preparing to take off, two Crates parked on the grass west of the terminal building, one Cab in the large hangar, and three Mules and one liaison-type aircraft in the small-hangar area northwest of the terminal building.

#### References

1. CIA. [redacted] Tauz to Tbilisi, 2 Oct. 1957, p 20

25X1

Target Mosaic 0325-9997-3-25M

Airfields and Seaplane Stations of the World, Vol 36, Nov 1956

TOP SECRET

TOP SECRET

25X1

25X1

Date of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-39	44-56	325	15-16		Poor

Features Imaged

Tbilisi/Soganlug Airfield [redacted] lying alongside railroad tracks on the southwest side of Soganlug station of the Tbilisi-Baku Railroad, three and one-half miles southeast of Tbilisi (See enclosure 2, overlay 3.)

25X1

Photo Analysis

Tbilisi/Soganlug Airfield 1/, a military test field for jet aircraft, has a concrete runway oriented north-northwest/south-southeast and measuring approximately 6,000 by 200 feet. A concrete loop taxiway is located west of the runway. Two concrete crossover-taxiways connect the runway with a parking area which is located in the center of the loop taxiway. Fourteen possible aircraft are lined up on the parking ramp. However, the photography lacks clear definition which precludes identification of the aircraft.

A concrete taxiway, which connects with Airframe Plant No 31, located northwest of the field, passes over a small bridge before connecting with the northwest edge of the airfield.

One Cab aircraft is located on a hardstand in the center of the airfield, between the runway and parking ramp.

References

1. CIA [redacted] Taz to Tbilisi, 2 Oct 1957, p 19

25X1

Target Mosaic 0325-9997-3-25M

Airfield and Seaplane Stations of the World, Vol 36, Nov 1956.

TOP SECRET

TOP SECRET

25X1

25X1

Date of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-38	45-02	325	27		Poor

Features Imaged

Tbilisi/Vaziani Airfield [ ] eight miles east of  
Tbilisi.

25X1

Photo Analysis

Tbilisi/Vaziani Airfield is described in detail in a previous report. 1/  
Additional information cannot be interpreted from this one oblique  
photograph.

References

1. CIA. [ ] Taz to Tbilisi, 2 Oct 1957, p 21

25X1

Target Mosaic 0325-9997-10-25MA

TOP SECRET

TOP SECRET

25X1

25X1

Date of Report 29 Nov. 1957

Date of Photography Summer 1957 Camera Argus C-4

Country	Coordinates		WAC	Photo Data		
	Lat N	Long E		Exp No	Time	Quality
USSR	41-40	44-54	325	24		Fair

Features Imaged

Tbilisi (southeast section, called Navtlug)

Photo Analysis

The southeast portion of Tbilisi is covered in a previous report, 1/ in which both the Tbilisi Airframe Plant No 31 [ ] and the Tbilisi Tank Repair Plant [ ] are discussed. The quality of this photography precludes a more detailed analysis of this section of Tbilisi.

25X1

25X1

References

1. CIA [ ] Taz to Tbilisi, 2 Oct 1957, p 24

25X1

Target Mosaic 0325-9997-3-25MA

TOP SECRET

TOP SECRET

25X1

# FILM EVALUATION

Pinholes - None noted

Scratches - Numerous scratches over the entire roll of film

Water Spots - Several water spots

Density - Good

Contrast - Good

Apparent Granularity - Medium

Tearing (film) - None noted

Suitability for PI - Fair to Poor

## Remarks

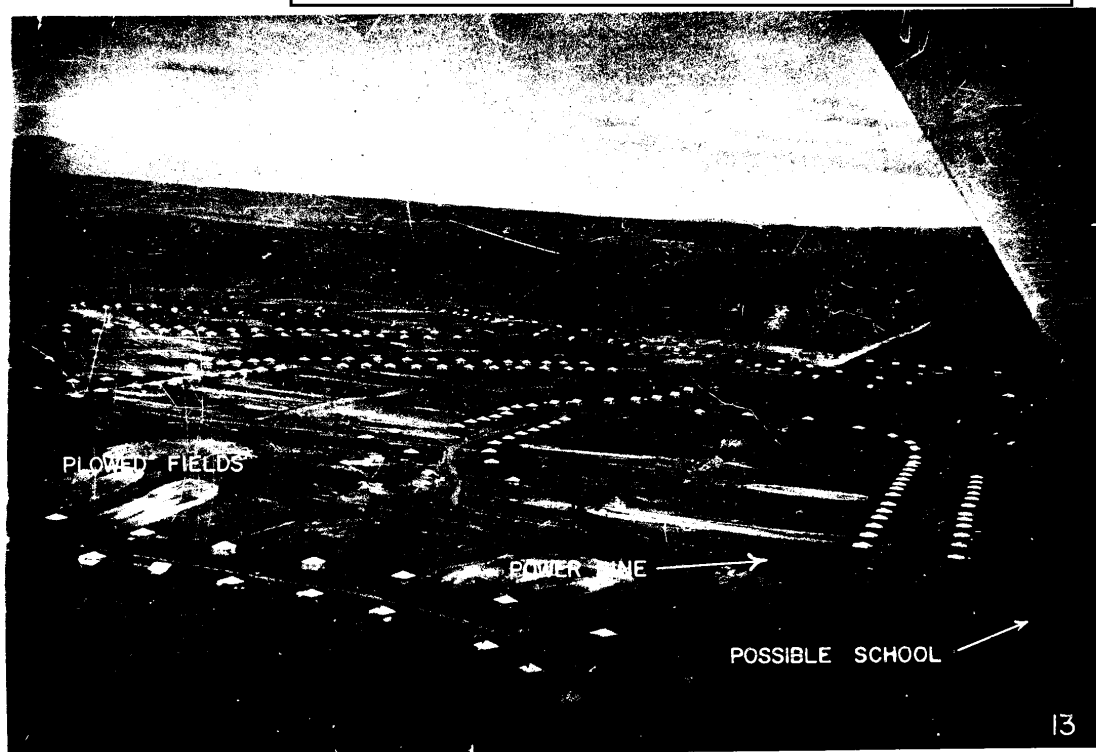
1. Ground shots giving stereo coverage would help in the interpretation of details.

2. It is extremely important that negatives should be handled with care; especially avoid touching the emulsion side of the film. Several finger prints on the film have blotted out detail.

3. Scratches on the film were possibly due to uncontrolled handling, to lint and dust on tightly wound film, to running film over rough surface, or to careless processing.

4. Additional coverage of Tbilisi/Soganlug Airfield and Airframe Plant No 31 is suggested.

TOP SECRET

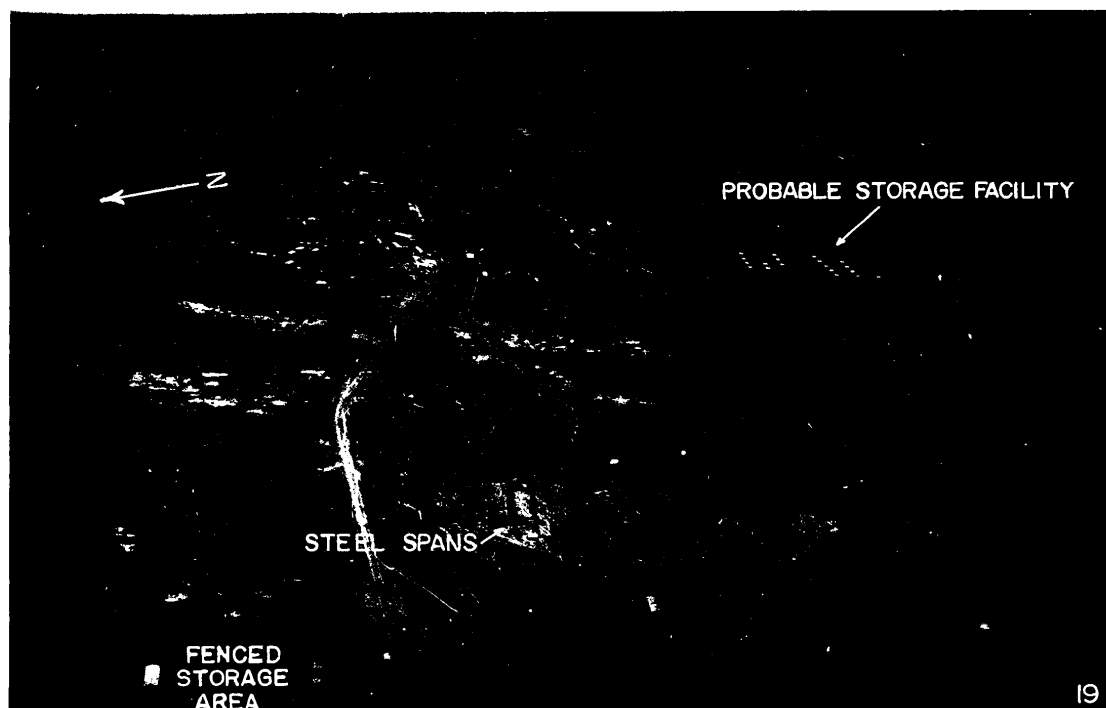


## NEW HOUSING DEVELOPMENT

TOP SECRET

25X1

25X1



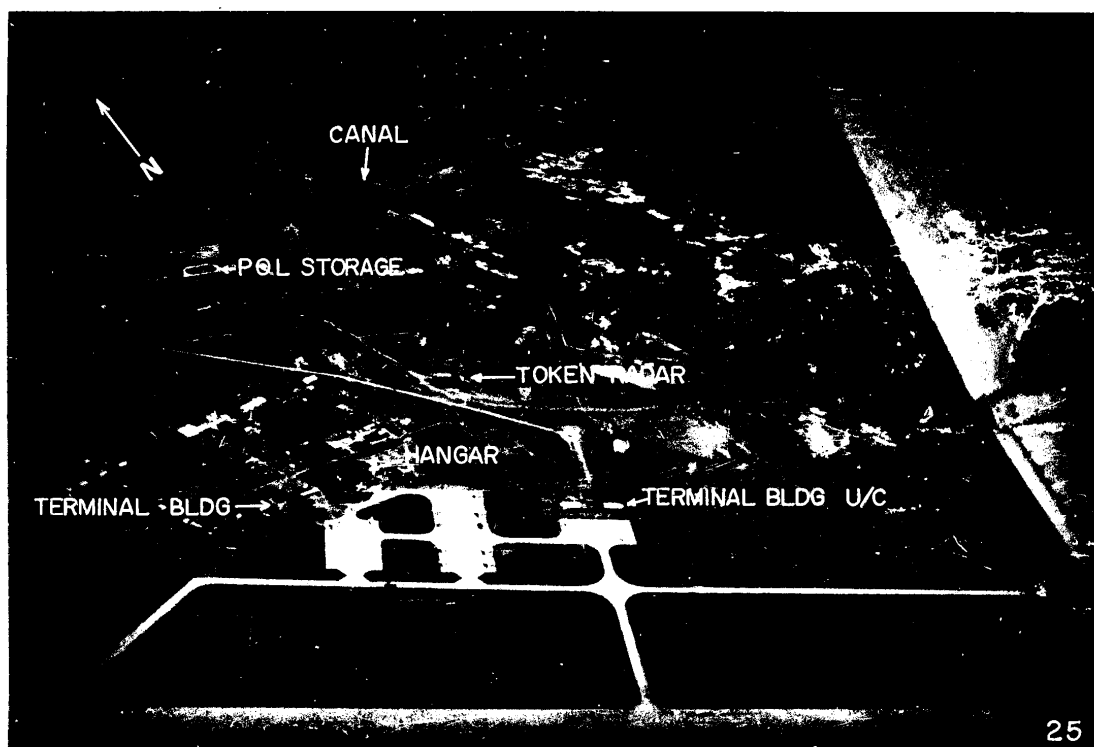
## NEW INSTALLATION



## NEW HOUSING DEVELOPMENT

TOP SECRET

25X1  
25X1



TBILISI / ORKHEVI A/F